

PATENT ABSTRACTS OF JAPAN

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(54) **TOOTHPASTE**

(57)Abstract:

PURPOSE: To prepare a stable toothpaste, comprising a finely divided particulate abrasive cleaning agent dispersed in the liquid phase, an alkaline trimetaphosphate and a water-soluble fluoride and containing the alkali trimetaphosphate present in a partially insoluble form in the liquid phase.

CONSTITUTION: This toothpaste comprises a finely divided abrasive cleaning agent stably dispersed in the liquid phase, an alkali trimetaphosphate (TMP salt) and a water-soluble fluoride and contains the alkali trimetaphosphate present in a partially insoluble form in the liquid phase (preferably at 0% ratio of the TMP salt dissolved in the liquid phase). The toothpaste is capable of sustaining anticarious effects due to no loss of the water-soluble fluoride and the TMP during the storage without causing chemical interaction between the fluoride ions and TMP ions. At least 40% glycerol or at least 50% sorbitol syrup is formulated as a humectant in the liquid phase with the toothpaste.